

CLAIMS:

1. A sanding frame for supporting a portable powered sander with a movable abrasive surface, the frame comprising:
 - a base defining an opening, the sander supportable in the opening; and
 - a leg selectively connectable to the base for supporting the base in an orientation where the abrasive surface is exposed for access by a user.
2. A sanding frame for supporting a portable powered sander with a movable abrasive surface, the frame comprising:
 - a base having a first surface and a second surface and the base lying substantially in a plane; and
 - a leg selectively connectable to the base for supporting the base in an orientation wherein the plane of the base is one of substantially perpendicular to and planar parallel to the ground.
3. The sanding frame of Claim 2 further comprising a rod assembly pivotably connected to the base for movably supporting the sander.
4. The sanding frame of Claim 3 further comprising a depth-of-cut adjustment mechanism connected to the base and to the rod assembly for pivoting the rod assembly.
5. The sanding frame of Claim 3 wherein the pivotable rod assembly includes:
 - a recess defined by the base;
 - a bearing located in the recess and defining a bore;
 - a pivot pin having a first end and a second end, the first end rotateably supported in the bore;
 - a pivot arm having a first end and a second end, the first end connected to the second end of the pivot pin; and

a rod connected to the second end of the pivot arm.

6. The sanding frame of Claim 4 wherein the rod is pivotable out of the plane of the base.
7. The sanding frame of Claim 6 further including a spring for biasing the rod towards the plane of the base.
8. The sanding frame of Claim 4 wherein the depth of cut mechanism includes:
 - a yoke connected to the base and defining a bore;
 - a treaded rod having a first end and a second end, and extending through the bore of the yoke;
 - a collar connected to the rod assembly and to the first end of the threaded rod; and
 - a knob threadably engaged to the rod for drawing the rod through the yoke
9. The sanding frame of Claim 8 wherein the depth of cut mechanism further includes a spring coaxial with the threaded rod between the collar and the yoke
10. The sanding frame of Claim 2 further comprising a fence assembly connectable to the base.
11. The sanding frame of Claim 10 wherein the fence assembly includes a table angularly adjustable relative to the plane of the base.
12. The sanding frame of Claim 10 wherein the fence assembly includes a guard piece locatable adjacent to the abrasive surface.
13. A method for converting a sanding frame into a stand for a portable sander with a movable abrasive surface, the method comprising the steps of:
 - providing a sander frame and a leg;

mounting the sander to the frame

attaching the leg to the sander frame so that the movable abrasive surface of the sander is exposed for access.

14. A sanding frame for supporting a portable powered sander with a movable abrasive surface, the frame comprising:

a base defining an opening, the sander supportable in the opening; and

means for supporting the base in an orientation where the abrasive surface is exposed for access by a user.